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Patent  
Attorney's Docket No. 015290-592

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of )  
Jeffrey HUNG et al. ) Group Art Unit: 1765  
Application No.: 10/075,602 ) Examiner: Not Yet Assigned  
Filed: February 15, 2002 )  
For: ETCHING PROCESS FOR )  
ORGANIC ANTI-REFLECTIVE )  
COATING )

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PRELIMINARY AMENDMENT

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Prior to examination, please amend the above-identified application as follows:

IN THE CLAIMS:

Kindly add new Claims 16-18 as follows:

--16. (New) The oxygen-free plasma etching gas formulation of Claim 14,  
wherein the one or more fluorine-containing compounds is selected from the group  
consisting of CF<sub>4</sub>, CHF<sub>3</sub>, C<sub>2</sub>F<sub>6</sub>, CH<sub>2</sub>F<sub>2</sub>, SF<sub>6</sub>, and C<sub>n</sub>F<sub>n+4</sub>.

17. (New) The oxygen-free plasma etching gas formulation of Claim 14,  
wherein the system of etching agents consists essential of CHF<sub>3</sub>, Ar, and Cl<sub>2</sub>.

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18. (New) The oxygen-free plasma etching gas formulation of Claim 15,  
wherein a ratio of flow rates of  $\text{CHF}_3$ :argon:chlorine in the formulation is 5 to 80:5 to 80:5  
to 60.--

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Jeffrey HUNG et al. ) Group Art Unit: 1765  
Application No.: 10/075,602 ) Examiner: Not Yet Assigned  
Filed: February 15, 2002 )  
For: ETCHING PROCESS FOR ORGANIC )  
ANTI-REFLECTIVE COATING )

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AMENDMENT/REPLY TRANSMITTAL LETTER

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Enclosed is a reply for the above-identified patent application.

- ☐ A Petition for Extension of Time is also enclosed.
- ☐ A Terminal Disclaimer and a check for ☐ \$55.00 (248) ☐ \$110.00 (148) to cover the requisite Government fee are also enclosed.
- ☐ Also enclosed is \_\_\_\_\_.
- ☐ Small entity status is hereby claimed.
- ☐ Applicant(s) request continued examination under 37 C.F.R. § 1.114 and enclose the ☐ \$370.00 (279) ☐ \$740.00 (179) fee due under 37 C.F.R. § 1.17(e).
- ☐ Applicant(s) previously submitted \_\_\_, on \_\_\_, for which continued examination is requested.
- ☐ Applicant(s) request suspension of action by the Office until at least \_\_\_, which does not exceed three months from the filing of this RCE, in accordance with 37 C.F.R. § 1.103(c). The required fee under 37 C.F.R. § 1.17(i) is enclosed.
- ☐ A Request for Entry and Consideration of Submission under 37 C.F.R. § 1.129(a) (146/246) is also enclosed.
- ☒ No additional claim fee is required.



Amendment/Reply Transmittal Letter  
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☐ An additional claim fee is required, and is calculated as shown below:

AMENDED CLAIMS					
	NO. OF CLAIMS	HIGHEST NO. OF CLAIMS PREVIOUSLY PAID FOR	EXTRA CLAIMS	RATE	ADDT'L FEE
Total Claims		MINUS =		× \$18.00 (103) =	
Independent Claims		MINUS =		× \$84.00 (102) =	
If Amendment adds multiple dependent claims, add \$280.00 (104)					
Total Amendment Fee					
If small entity status is claimed, subtract 50% of Total Amendment Fee					
TOTAL ADDITIONAL FEE DUE FOR THIS AMENDMENT					-0-

☐ A claim fee in the amount of \$\_\_\_\_\_ is enclosed.

☐ Charge \$\_\_\_\_\_ to Deposit Account No. 02-4800.

The Commissioner is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17, 1.20(d) and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

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Date: March 18, 2002

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